

Notice of Allowability

Application No.

10/771,790

Examiner

William C. Choi

Applicant(s)

WILLIAMS ET AL.

Art Unit

2873

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE filed 7/29/2005.
2. ☒ The allowed claim(s) is/are 1-44.
3. ☒ The drawings filed on 03 February 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

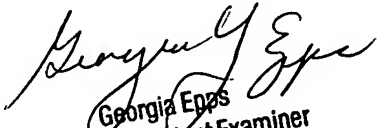
* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 0705
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's ~~Amendment~~ Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


Georgia Epps
Supervisory Patent Examiner
Technology Center 2800

EXAMINER'S COMMENT

Receipt of the Information Disclosure Statement (IDS) with copies of the references cited therein, was received on 7/8/2005. An initialized copy of the IDS is enclosed with this office action. However, it is made of record that although the Non-Patent Literature was considered, there are no dates indicated for each of the references, which has been noted in the attached 1449.

Allowed Claims: 1-44.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: none of the prior art either alone or in combination disclose or teach of the claimed combination of limitations to warrant a rejection under 35 USC 102 or 103.

Specifically, with respect to independent claim 1, none of the prior art alone or in combination disclose or teach of a display device comprising a controller as claimed, specifically wherein said controller is operable to control the image formation apparatus to display a message concerning the opportunity to prevent the power down process prior to the end of the predetermined delay period.

Specifically, with respect to independent claim 10, none of the prior art alone or in combination disclose or teach of a display device comprising a controller as claimed, specifically wherein said controller is configured to switch some of the pixels to an ON

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state so as to create a message concerning the opportunity to prevent the light source from being switched to the OFF state prior to the end of a predetermined delay period after the second power command.

Specifically, with respect to independent claim 16, none of the prior art alone or in combination disclose or teach of a display device as claimed, specifically comprising a means for switching some of the pixels to the ON state so as to create a message concerning the opportunity to prevent the means for supplying light from being switched to the OFF state prior to the end of a predetermined delay period after the first power command.

Specifically, with respect to independent claim 18, none of the prior art alone or in combination disclose or teach of a display device comprising means for performing a power down process after a predetermined delay period as claimed, specifically further wherein said means controls a means for forming images to display a message concerning the opportunity to prevent a power down process prior to the end of the predetermined delay period.

Specifically, with respect to independent claim 19, none of the prior art alone or in combination disclose or teach of a method of operating a display device as claimed, specifically comprising the step of directing light onto a small portion of the display device in the form of a message concerning the opportunity to prevent the light source from being switched to an OFF state prior to the end of the predetermined delay period after the second power command.

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Specifically, with respect to independent claim 25, none of the prior art alone or in combination disclose or teach of a method of operating a display device comprising the step of performing a power down process after a predetermined delay period as claimed, specifically comprising the step of displaying a message concerning the opportunity to prevent the power down process prior to the end of the predetermined delay period.

Specifically, with respect to independent claim 30, none of the prior art alone or in combination disclose or teach of computer memory encoded with executable instructions for operating a display device comprising a step for performing a power down process after a predetermined delay period as claimed, specifically further comprising the step for controlling the display device to display a message concerning the opportunity to prevent the power down process prior to the end of the predetermined delay period and not performing the power down process in response to a receipt of a second power command prior to the end of said delay period.

Specifically, with respect to independent claim 37, none of the prior art alone or in combination disclose or teach of computer memory encoded with executable instructions for operating an image formation apparatus comprising the steps for switching at least a substantial majority of the pixels to the OFF state and for maintaining the light source in an ON state in response to a second power command as claimed, specifically further comprising the step of switching some of the pixels to the ON state so as to create a message concerning the opportunity to prevent the light

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source from being switched to the OFF state prior to the end of a predetermined delay period.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

CONCLUSION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William C. Choi whose telephone number is (571) 272-2324. The examiner can normally be reached on Monday-Friday from about 9:00 am to 6 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Mack can be reached on (571) 272-2333. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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W.C.

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October 25, 2005


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